

## Author Index

- Aarnio, T., *see* Vuori, E., et al.
- Abrahams, P.W. and Thornton, I.  
The contamination of agricultural land in the  
metalliferous province of southwest England:  
implications to livestock ..... 125
- Babbar, L.I. and Zak, D.R.  
Nitrogen cycling in coffee agroecosystems: net N  
mineralization and nitrification in the presence and  
absence of shade trees ..... 107
- Banuelos, G.S., *see* Carolyn Watson, M., et al.
- Bedford, S.E. and Usher, M.B.  
Distribution of arthropod species across the margins  
of farm woodlands ..... 295
- Beyer, L.  
Effect of cultivation on physico-chemical, humus-  
chemical and biotic properties and fertility of two  
forest soils ..... 179
- Bragg, A., *see* Sun, D., et al.
- Brust, G.E.  
Seed-predators reduce broadleaf weed growth and  
competitive ability ..... 27
- Brust, G.E. and King, L.R.  
Effects of crop rotation and reduced chemical inputs  
on pests and predators in maize agroecosystems ..... 77
- Bustos, A., *see* Díez, J.A., et al.
- Caballero, R., *see* Díez, J.A., et al.
- Carolyn Watson, M., Banuelos, G.S., O'Leary, J.W. and  
Riley, J.J.  
Trace element composition of *Atriplex* grown with  
saline drainage water ..... 157
- Cartagena, M.C., *see* Díez, J.A., et al.
- Conlong, D.E.  
A review and perspectives for the biological control  
of the African sugarcane stalkborer *Eldana*  
*saccharina* Walker (Lepidoptera: Pyralidae) ..... 9
- Dickinson, G., *see* Sun, D., et al.
- Díez, J.A., Roman, R., Cartagena, M.C., Vallejo, A.,  
Bustos, A. and Caballero, R.  
Controlling nitrate pollution of aquifers by using  
different nitrogenous controlled release fertilizers in  
maize crop ..... 49
- Dunn, R.A., *see* Powers, L.E., et al.
- Fernandez-Rivera, S., *see* Powell, J.M., et al.
- Glynn, C.J., *see* McDonald, D.G., et al.
- Hartikainen, H., *see* Vuori, E., et al.
- Höfs, S., *see* Powell, J.M., et al.
- Hosking, J.R., Sullivan, P.R. and Welsby, S.M.  
Biological control of *Opuntia stricta* (Haw.) Haw.  
var. *stricta* using *Dactylopius opuntiae* (Cockerell)  
in an area of New South Wales, Australia, where  
*Cactoblastis cactorum* (Berg) is not a successful  
biological control agent ..... 241
- Huang, L., Murray, F. and Yang, X.  
Interaction between mild NaCl salinity and  
sublethal SO<sub>2</sub> pollution on wheat *Triticum aestivum*  
cultivar 'Wilgoyne' (Ciano/Gallo). I. Responses of  
stomatal conductance, photosynthesis, growth and  
assimilate partitioning ..... 163
- Inglis, I.R., Wright, E. and Lill, J.  
The impact of hedges and farm woodlands on  
woodpigeon (*Columba palumbus*) nest densities ..... 257
- Isensee, A.R., *see* Sadeghi, A.M., et al.
- Jäger, H.-J., *see* Weigel, H.J., et al.
- Kessler, Ir.J.J.  
Usefulness of the human carrying capacity concept  
in assessing ecological sustainability of land-use in  
semi-arid regions ..... 273
- Kettle, B.A., *see* Robertson, L.N., et al.
- King, L.R., *see* Brust, G.E., et al.
- Kumpulainen, J., *see* Vuori, E., et al.
- Lill, J., *see* Inglis, I.R., et al.
- Lima, J.S.  
Copper balances in cocoa agrarian ecosystems:  
effects of differential use of cupric fungicides ..... 19
- Manderscheid, R., *see* Weigel, H.J., et al.
- Manian, S., *see* Sugavanam, V., et al.
- McDonald, D.G. and Glynn, C.J.  
Difficulties in measuring adoption of apple IPM: A  
case study ..... 219
- McSorley, R., *see* Powers, L.E., et al.
- Mejer, G.J., *see* Weigel, H.J., et al.
- Montes, A., *see* Powers, L.E., et al.
- Murray, F., *see* Huang, L., et al.
- Murray, F., Wilson, S. and Samaraweera, S.  
NO<sub>2</sub> increases wheat grain yield even in the  
presence of SO<sub>2</sub> ..... 115

- Ndiaye, S.M. and Sofranko, A.J.  
Farmers' perceptions of resource problems and adoption of conservation practices in a densely populated area ..... 35
- Niinivaara, K., *see* Vuori, E., et al.
- O'Leary, J.W., *see* Carolyn Watson, M., et al.
- Powell, J.M., Fernández-Rivera, S. and Höfs, S.  
Effects of sheep diet on nutrient cycling in mixed farming systems of semi-arid West Africa ..... 263
- Powers, L.E., McSorley, R., Dunn, R.A. and Montes, A.  
The agroecology of a cucurbit-based intercropping system in the Yeguaré Valley of Honduras ..... 139
- Riley, J.J., *see* Carolyn Watson, M., et al.
- Robertson, L.N., Kettle, B.A. and Simpson, G.B.  
The influence of tillage practices on soil macrofauna in a semi-arid agroecosystem in northeastern Australia ..... 149
- Roman, R., *see* Díez, J.A., et al.
- Sadeghi, A.M. and Isensee, A.R.  
Spatial distribution of atrazine residues in soil and shallow groundwater: effect of tillage and rainfall timing ..... 67
- Samaraweera, S., *see* Murray, F., et al.
- Simpson, G.B., *see* Robertson, L.N., et al.
- Sofranko, A.J., *see* Ndiaye, S.M., et al.
- Sugavanam, V., Udaiyan, K. and Manian, S.  
Effect of fungicides on vesicular-arbuscular mycorrhizal infection and nodulation in groundnut (*Arachis hypogea* L.) ..... 285
- Sullivan, P.R., *see* Hosking, J.R., et al.
- Sun, D., Dickinson, G. and Bragg, A.  
The establishment of *Eucalyptus camaldulensis* on a tropical saline site in north Queensland, Australia ... 1
- Sunderland, K.D., *see* Topping, C.J., et al.
- Thornton, I., *see* Abrahams, P.W., et al.
- Tonhasca Jr., A.  
Response of soybean herbivores to two agronomic practices increasing agroecosystem diversity ..... 57
- Topping, C.J. and Sunderland, K.D.  
A spatial population dynamics model for *Lepthyphantes tenuis* (Araneae: Linyphiidae) with some simulations of the spatial and temporal effects of farming operations and land-use ..... 203
- Udaiyan, K., *see* Sugavanam, V., et al.
- Usher, M.B., *see* Bedford, S.E., et al.
- Vääriskoski, J., *see* Vuori, E., et al.
- Vallejo, A., *see* Díez, J.A., et al.
- Vuori, E., Vääriskoski, J., Hartikainen, H., Kumpulainen, J., Aarnio, T. and Niinivaara, K.  
A long-term study of selenate sorption in Finnish cultivated soils ..... 91
- Weigel, H.J., Manderscheid, R., Jäger, H.-J. and Mejer, G.J.  
Effects of season-long CO<sub>2</sub> enrichment on cereals. I. Growth performance and yield ..... 231
- Welsby, S.M., *see* Hosking, J.R., et al.
- Wilson, S., *see* Murray, F., et al.
- Wright, E., *see* Inglis, I.R., et al.
- Yang, X., *see* Huang, L., et al.
- Zak, D.R., *see* Babbar, L.I., et al.

